

Wood County, Ohio

LdA—Latty silty clay, till substratum, 0 to 1 percent slopes

Map Unit Setting

National map unit symbol: 2vt1k

Elevation: 570 to 780 feet

Mean annual precipitation: 28 to 38 inches

Mean annual air temperature: 45 to 52 degrees F

Frost-free period: 135 to 210 days

Farmland classification: Prime farmland if drained

Map Unit Composition

Latty, till substratum, and similar soils: 87 percent

Minor components: 13 percent

Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Latty, Till Substratum

Setting

Landform: Wave-worked till plains, till-floored lake plains

Down-slope shape: Linear

Across-slope shape: Linear, concave

Parent material: Clayey glaciolacustrine deposits over clayey till

Typical profile

Ap - 0 to 7 inches: silty clay

Bg - 7 to 24 inches: silty clay

BCg - 24 to 37 inches: silty clay

C1 - 37 to 67 inches: silty clay

2C2 - 67 to 80 inches: silty clay loam

Properties and qualities

Slope: 0 to 1 percent

Depth to restrictive feature: More than 80 inches

Natural drainage class: Very poorly drained

Runoff class: Negligible

Capacity of the most limiting layer to transmit water (Ksat): Very low
(0.00 to 0.00 in/hr)

Depth to water table: About 0 to 12 inches

Frequency of flooding: None

Frequency of ponding: Frequent

Calcium carbonate, maximum in profile: 30 percent

Gypsum, maximum in profile: 1 percent

Salinity, maximum in profile: Nonsaline (0.1 to 1.0 mmhos/cm)

Available water storage in profile: Moderate (about 6.8 inches)

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 3w

Hydrologic Soil Group: D

Hydric soil rating: Yes

Minor Components

Nappanee

Percent of map unit: 6 percent

Landform: Wave-worked till plains, till-floored lake plains

Microfeatures of landform position: Rises

Down-slope shape: Linear

Across-slope shape: Linear, convex

Hydric soil rating: No

Fulton

Percent of map unit: 6 percent

Landform: Wave-worked till plains, till-floored lake plains

Microfeatures of landform position: Rises

Down-slope shape: Linear

Across-slope shape: Linear, convex

Hydric soil rating: No

Haskins

Percent of map unit: 1 percent

Landform: Wave-worked till plains, till-floored lake plains

Microfeatures of landform position: Rises

Down-slope shape: Linear

Across-slope shape: Linear, convex

Hydric soil rating: No

Data Source Information

Soil Survey Area: Wood County, Ohio

Survey Area Data: Version 17, Sep 29, 2015